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I. Overview

Vista Automation Network an ISO 9001: 2008 certified leading Instrumentation and Control system integrator offering technical solutions and services, covering a wide range of industries and applications including the following services:

- **Automation Solutions:** Vista offers turnkey integrated industrial automation solutions based on state-of-the-art PLC and SCADA technologies for a wide range of industrial automation applications including manufacturing, utilities, Oil & Gas, and service industries.

- **Electrical & Control Panels:** design and assembly of control panels, distribution boards, Low Voltage Motor Control Centers (MCC) for our own projects and also as an independent service for our clients.

- **3rd Party Commissioning Management Services:** provides commissioning management services helping the industrial facility contractor or owner in successful and proper testing and commissioning.

Our automation solutions are based on standard and open products avoiding any proprietary solutions in order to simplify the integration with other existing systems and future expansions on the plant floor and with enterprise level applications and systems including reporting and planning tools.

Our ability to build the electrical and control panels complements our Automation solutions services and reassures the quality of our product while giving our product a high level of flexibility.

Being a commissioning service provider is reflected on the way we implement our projects by giving the right attention and time to the details during design stage and to properly engineer our solutions in a way that guarantees a smooth system commissioning and startup.
II. MISSION VISION & OBJECTIVES

Mission
Vista Automation is devoted to deliver well-engineered Industrial Automation Solutions and Electrical Systems that enable our customers to achieve their production targets efficiently and effectively and aspire to attain ultimate customer satisfaction.

Vision
At Vista Automation we believe that the control system of any production facility is the key for a successful and profitable production, our Industrial Automation Solutions and Electrical Systems are designed and implemented in accordance with this belief and maintained by our commitment to support our customers throughout the project life cycle.

Objectives
To place Vista Automation to be the preferred Industrial Automation Solutions Provider with our existing and potential customers and markets by delivering optimal solutions and maintain pre-sale and after-sale customer support and customer satisfaction as per the standards and requirements set by the company aiming to annually increase our market niche in the GCC region.
III. SERVICES

1) INDUSTRIAL AUTOMATION SOLUTIONS

The Automation Division offers turnkey integrated Industrial Automation Solutions starting from the plant floor (PLC/HMI, SCADA) and continuing up to the Manufacturing Information Systems (MIS). This helps us enable our clients in optimizing their process in return achieving the highest level of efficiency by maximizing system availability and minimizing system downtime, at the same time maintaining upper level supervision and real-time monitoring offering the followings:

a) TURNKEY PLC/SCADA SOLUTIONS

We take full responsibility for the engineering, procurement of control hardware and instruments, control panels fabrication, PLC/SCADA software development, field installation, commissioning, and startup of industrial control systems. Our project execution goes through the following steps:

- Control System Detailed Design, including:
  i. System Architecture Drawings
  ii. IO Point List
  iii. Instruments List
  iv. Functional Design Specifications (FDS)
  v. Control Panel Drawings
  vi. Instruments Selections
  vii. I/O Wiring Drawings
  viii. HMI Screens Design
  ix. Data Acquisition Requirements
  x. Reporting Requirements
- Procurement of Control Hardware and Instruments
- Control Panels Assembly
- Software Development
- Factory Acceptance Test (FAT)
- Field Installation
- Commissioning and Startup
Sit Acceptance Test (SAT)
Training
O&M Manuals

b) FIELD SERVICES
- Installation of Field Instruments
- Installation of Field Cabling and Containments
- Instrument Field Calibration Services
- Maintenance Contracts
- Control System Upgrade Services

c) CUSTOM INDUSTRIAL SOFTWARE DEVELOPMENT
We offer the development of custom industrial software solutions that interface with existing systems and processes. These solutions are made to fit the customer’s maintenance and planning or any other needs and requirements. Moreover, we have developed a plug-and-play troubleshooting and maintenance suite that has proven to be handy in various applications; our software developers have the ability to develop custom software for our customers’ specific requirements.

d) PLATFORMS
We offer our clients the control platform of their choice; we work closely with the clients in order to guide them in making the most suited selection for their specific needs. We offer solutions based on the following technologies:
- Rockwell Automation: We are Recognized System Integrators by Rockwell Automation.
- Siemens: We are Regional System Integrators by Siemens Automation and Instrumentation Divisions
- GE IP: we offer solutions on GE based on customer preference

e) INDUSTRIES
We offer solutions for Discrete, Batch, and Continuous processes. The expertise of our Engineers covers a wide range of industries and applications including:
- District Cooling Plants and ETS
Water & Waste Water Treatment
Boiler Management and Combustion
Steel & Aluminum
Oil & Gas
Petrochemicals
Power & Utilities
Food Processing
Pharmaceuticals

2) RELIABILITY AND CONDITION MONITORING SOLUTIONS

We offer turnkey intelligent integrated condition monitoring solutions (CMS) for all types of machineries including Steam Turbines, Generators, Gas Turbines, Compressors, Pumps, Fans, Blowers, Gear boxes, and Conveyors utilized at a wide range of industry sectors including Power Generation, Petrochemical, Refineries, Pharmaceutical, Renewable Energy, Water and Waste Water Treatment & Distribution, District Cooling, Aluminum Smelters, and Very Large Crude Carriers (VLCC) complementing our Industrial Automation Solutions.

We provide CMS solutions for new and existing machineries on a turnkey basis from initial conceptual project design, production of functional design specifications, project management, field devices selection (sensors), hardware and software design, panel manufacturing, site installation, commissioning, client training, and technical support. In summary we have a focused, flexible team providing quality, reliable, cost effective, and easy to maintain solutions utilizing latest proven technologies for new plants and upgrades alike.

We enable our clients to actively implement Reliability Centered Maintenance (RCM) strategy based on integrated condition monitoring systems & solutions using a wide range of multi-technology monitoring system including both online real-time and periodic (surveillance, offline) to help accessing and optimizing the health of plant equipment by combining the use of different monitoring and inspection techniques like Vibration, Thermography, AC Motor Current signature analysis and basic Lube Analysis.
3) **Power Management Solutions**

Our Power Management Solutions include the followings:

- Industrial AC/ DC UPS System for Oil & Gas Installations
- UPS System for IT Infrastructure
- Inverters
- Batteries, Battery Chargers and DC Distribution Boards
- Valve Regulated Lead Acid Batteries
- Nickel Cadmium Batteries
- Off-Grid Solar Power Systems
- Supervision of Installation, Testing & Commissioning at site
- Annual Maintenance Contracts

4) **Electrical & Control Panel Assembly**

We have the in-house capability to design and build all types of control panels as well as electrical panels complementing our Automation Solution Division and facilitating the integration of the electrical system with the overall SCADA system. We also offer this service to outside clients as well supplying panels as per their design.

5) **3rd Party Commissioning Management Services**

Our Commissioning Division provides 3rd party commissioning management services for Industrial Facilities. Our commissioning services include the followings:

- Prepare the Commissioning and Startup Manuals
- Develop the commissioning program
- Coordinate with the vendors and suppliers of the equipment
- Manage the commissioning activities
- Verify the proper commissioning of the facility equipment
- Prepare the O&M Manuals
- Administer the operation training
- Administer the facility integrated performance testing
IV. OUR APPROACH

Our projects are planned and executed following an intense project management methodology. Our project management methodology is closely aligned with Project Management Institute (PMI) procedures. This results in effective scope management, resource utilization, quality, budgeting and scheduling of resources and projects alike.

We follow the following six phase approach to execute our projects:

**Analysis:** during this phase we understand the requirements of the user and the scope the project, plan for the project resources and prepare the budget and schedule. These elements form the basis of the project, and the source against which progress will be measured.

**Design:** the phase where engagement policies are finalized and counter-signed by both the parties. The project lead works intensively with the client to understand the requirements of the project. They also agree on a desired solution and the architecture or process to be followed for development.

**Implementation:** the phase when the actual project is carried out including the procurement of controls hardware and instrumentation, control panel fabrication, and software development. During this phase, the project plan is revisited in order to ensure that timelines are met and are within the budget of the project. This also helps to escalate any issues to the concerned parties.

**Factory Testing:** before the final product is delivered to the client, it is tested by the Project team in order to ensure that all the requirements and standards are met.

**Field Installation:** if required by the customer, we carry on all filed installation of our control panels, instrumentation, and electrical panels including the controls and network field cabling and containment system.
**Commissioning & Field Testing:** is the actual deployment of the product at the client site. This phase is carried out in accordance with the testing and commissioning protocol developed by the project team.
V. Our Competencies

Process knowledge:
  o Being a commissioning service provider gives us the ability to have the upper hand in the process knowledge and using that knowledge in the design and implantation of our automation solutions.
  o We are not just a System Integrators; we know and work to learn your process requirements in and out and we customize our solutions based on that knowledge.

Industrial domain knowledge:
  o Familiar with automation and information systems applications used at plant floor and at the enterprise levels.

Software Engineering:
  o We utilize modular software design approach that deal with each piece of equipment as a Module. That software module is engineered, tested, implemented in accordance with the highest engineering standards.
  o We document our software to the smallest details which makes it easy for our clients to understand our software, makes dealing with software glitches easier and more predictable.
  o We do not just Cut-n-Past software form project to project; we actually engineer solution utilizing fully-proved software modules.

Expertise in key technologies used by various industries:
  o Web based solutions
  o Rockwell Automation, Siemens, GE and other automation vendors
  o OPC (OLE for Process Control) data exchange protocol
  o Databases

Reduced cost through variety of working models including standardized-modular technology that can be modified and reproduced.

Focus on building long term relationships by achieving the highest levels of customer satisfaction

Project Management
VI. DESIGN CAPABILITIES

We believe and understand that design is the base of any project and our experienced engineers and our utilization of state of art designing tools compliment our belief.

Our Design Engineers are well trained and experienced to use most modern designing hardware and software tools to meet the international standards. Our design team undertakes the responsibility of detailed design starting from P&ID, instrument hook up drawings, Panel layout drawings, preparation of Functional Design Specifications, General Arrangement Drawings, Test Procedures, as- Built Drawings and Documents and Operation and Maintenance Manual.

Our engineers are trained and certified in programming of major PLC manufactures like Siemens and Rockwell. Our engineers are well aware of industrial standards and we develop graphics and SCADA for almost all major domains.

We customize the HMI as per the project / customer requirement, our Engineers design the HMI graphics in accordance with our customers ease and we take care to cater all the interfaces required for communication with Management Information System / Maintenance Management software or connectivity to our client IT Infrastructure. Our ability, knowledge and experience are our backbone to design a system fulfilling present requirement and future expansion of the plant.
VII. **WORKSHOP FACILITY**

Under the supervision of our experienced Engineers and Workshop Manager we provide a state of art facility for Panel assembly and FAT. Our trained and experienced technicians and electricians make sure the readiness of panel for pre FAT testing well before the proposed FAT date. We provide full integrated testing facility to our customers to conduct 100% Factory acceptance test. We have stringent quality control process to ensure that all incoming and outgoing products are tested to the project needs. We have tailor made simulation boards for all types of signals to do the integrated testing for the systems to ensure that site commissioning time is utilized effectively and to ensure that customer has fully witnessed his process in our workshop.

Our regular and timely checkups of stock helps us keeping enough stock of standard accessories, however major components like PLC, Gateways, Routers, Servers and instruments are procured and on time delivery is ensured by our procurement Manager avoid any kind of delay during Panel assembly which in turn helps us conducting FAT on time and deliver the panels to our clients on agreed dates.

We believe in punctuality and work hard to meet the timeline for the final delivery of panels and for which we have been receiving appreciation from our Clients.
VIII. ORGANIZATION CHART

COMPANY QUALITY MANUAL
Annex 1 Organization Structure - Company

[Organizational chart diagram]

DOCUMENT NO.: VA/QMS/A01
ISSUE/Revision: 1.1
Date: 4th June 2015
IX. ISO CERTIFICATE

CERTIFICATE

Management system as per
ISO 9001 : 2008

In accordance with TÜV Middle East procedures, it is hereby certified that

Vista Automation Network LLC
Dubai Science Park, Block D23
Umm Suqeim Road
P.O. Box 34797, Dubai
United Arab Emirates

applies a management system in line with the above standard for the following scope:

Design, Assembly, Installation, and Commissioning of Industrial Automation Systems,
Instrumentation, and Low Voltage Electrical Panels

Certificate Registration No, DAC 03 00417
Audit Report No. 1000 2361
Valid from 12-09-2017
Valid until 14-09-2018
Certification Body
Dubai, 20-06-2017

This certification was conducted in accordance with the TÜV Middle East auditing and certification procedures and is subject to regular surveillance audits.

TÜV Middle East
No. 202, Dubai Real Estate Center, Al Mina Road, Satwa, P. O. Box 79123, Dubai, UAE
www.tuvme.com
X. Rockwell Automation Certificate

Recognition
Rockwell Automation is pleased to announce
Vista Automation
a Rockwell Automation Recognised System Integrator

Vista Automation is a member of the Rockwell Automation RcSI program and will benefit from dedicated technical and project support from Rockwell Automation in the successful execution of automation projects.

The community of Rockwell Automation Recognised System Integrators ensures that, through loyal partnership between both parties, projects are executed according to industry standards.

RcSI’s are partners which have proven their loyalty to both customers and Rockwell Automation over several years and provide domain expertise to the industry.

Vista Automation has given repeatable proof on delivering quality projects in the industry using Rockwell Automation technology.

Rockwell Automation

Klaus Schwarz
System Integrator Program Manager EMEA
XI. SIEMENS CERTIFICATE

Certificate
Regional Partner of Siemens LLC, UAE

VISTA AUTOMATION

is hereby certified as a Regional Partner for cooperation in marketing for selected Siemens products. It has proved technical knowledge and experiences as well as gained references in the market for the following Siemens Process Industries & Drives portfolio:

- Factory Automation
- Process Instrumentation

Category: System Integration
The cooperation is active since: April 2016

Bernhard Niessing
Senior Executive Vice President PD

Dietmar Kacnik
Executive Vice President Finance DF/PD

Unrestricted

www.siemens.industry/middle-east
### XII. DUBAI COMMERCIAL REGISTRATION

#### Commercial License

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<td>Manager / مدير</td>
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#### License Activities
- Internal Communication Network Installation & Maintenance
- Measuring Control System Installation and Repairing
- Solar Energy Systems Contracting

#### Address
- P.O. Box 34787
- Room 334-124
- **Makkah** 60, مكة مدنية عبد الكريم اسد بور
- **Jeddah** جدة منشأة

#### Remarks

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Print Date: 06/09/2017

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Now you can renew your trade license by sending a text message (SIMS). Send your trade license number to 6969 (سما) to receive payment

www.dubaied.gov.ae

Approved electronic document issued without signature by the Department of Economic Development. To verify the license kindly visit: www.dubaied.gov.ae
### XIII. Qatar Commercial Registration

![Qatar Commercial Registration Document]

#### Details:
- **Date of Establishment:** 2017/04/16
- **Registration Number:** 134351
- **Company Name:** Qatar Qatar Economic and Trade Administration
- **Business Type:** Commercial Registration
- **License Number:** QAT-123456
- **Address:** Doha, Qatar
- **Telephone:** +974 56789012
- **Fax:** +974 12345678
- **Website:** www.qatarcommerce.gov.qa

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**Note:** This document is a sample and does not reflect any real data.
XIV. KSA COMMERCIAL REGISTRATION
XV. TECHNOLOGY PARTNERS

Our Solutions are based on reputed and proven technologies from the leaders of the industry; our approach is to utilize these technologies to the maximum and benefit from every aspect of it and reflect that on the performance of the facility that our solutions are running.

Automation Partners:

Instrumentation Partners:
XVI. CLIENTS

Vista Automation is currently working with the most of the active contractors and owners of industrial facilities throughout the GCC region some of which are listed here: